

* SWBAT apply Newton's 3rd Law

Sep 6-2:31 PM



Welcome!!!

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SECA Physics
Thursday 31 October 2013

5 DAYS
LEFT IN
QUARTER

- * Pick up:
 - slip of paper (for later)

Centering...

Opening Question:

Are action/reaction pairs on the same object or different objects?

ALWAYS DIFFERENT
OBJECTS.

FOOT KICKS BALL

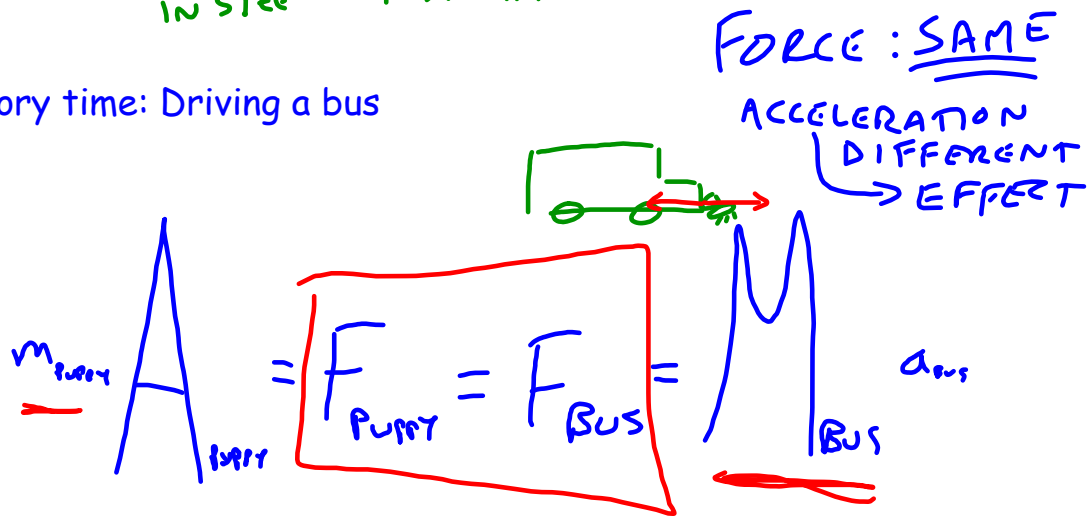


BALL HITS FOOT

Sep 7-7:04 AM

Newton's 3rd Law FOR EVERY ACTION FORCE THERE IS AN EQUAL & OPPOSITE REACTION FORCE
IN SIZE IN DIRECTION

Story time: Driving a bus



Sep 21-2:13 PM

And now a dramatic reading...

Farmer, horse, and cart

YES $F_{\text{HORSE}} = F_{\text{CART}}$

BUT FORCE ON GROUND LEADS TO MOTION

Make-up or worksheet



FIGURE 7.3 ▲
When the girl jumps to shore, the boat moves backward.

Sep 21-2:13 PM

Daily 3 Questions

- * Every day except test/project days
- * 3 Questions on the topics of the day
- * Main source of daily points
- * I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

You can't get your points if you don't have your **NAME!!!**

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

1. Action / reaction force pairs happen
 - a. on the **same** object
 - b. on **different** objects
 - c. don't happen
2. The horse will be able to pull the cart because
 - a. the force on the ground is what pushes the horse forward
 - b. the force on the cart is greater than the force of the cart on the horse
 - c. The horse can't pull the cart because of Newton's 3rd Law
3. When the bus hit the puppy, compared to the force the bus made on the puppy, the puppy
 - a. made the **same size** force on the bus
 - b. made a **smaller** force on the bus
 - c. made a **bigger** force on the bus

Sep 14-7:28 AM